



Demco 50 Series exclusive tank design allows for unmatched agitation and drainage. Our short trailer design helps reduce crop damage, and our front folding hydraulic booms are built to perform.



# START-UP GUIDE

# 850 • 1050 • 1250 GALLON SPRAYER

[illegible]

1. Choose appropriate spray tips for application rate and speed.



2. Program rate controller (refer to your manual).



3. Read pump manual and tractor manual to be sure pump and tractor are compatible.

# 50 SERIES SPRAYER

Toll Free:  
**800-543-3626**

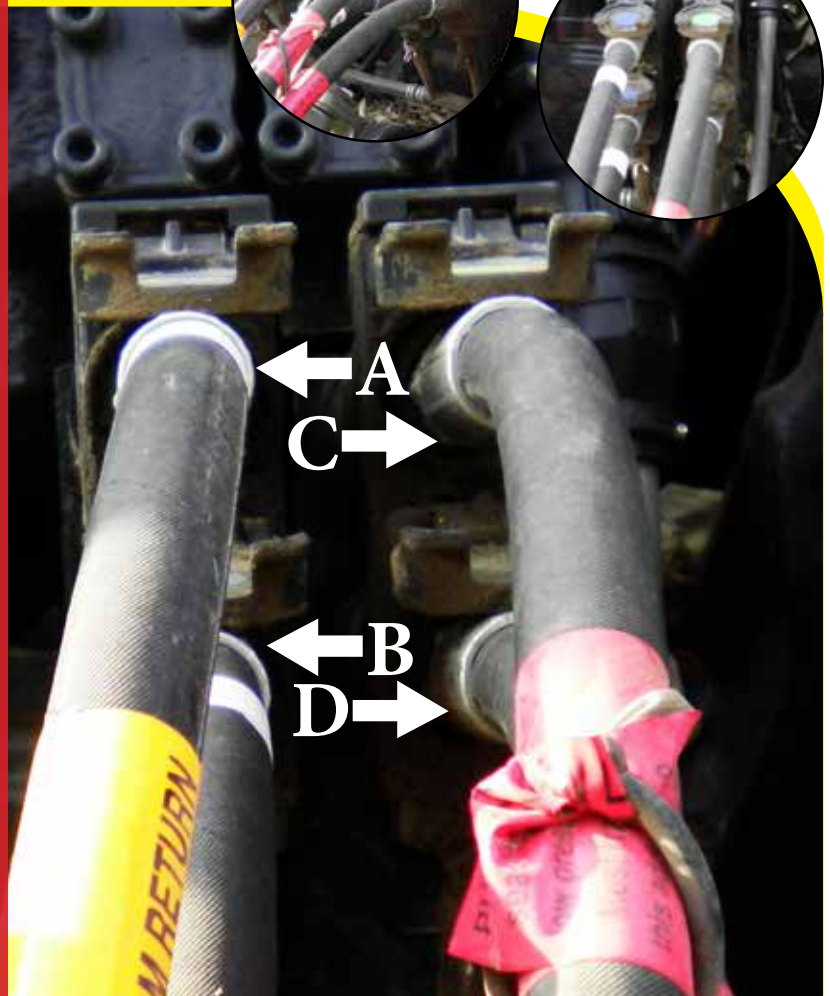


## 4. Hose Hook-up

I. Hook up hoses to tractor hydraulic priority port. (For optimal pump performance return line should dump directly into tractor hydraulic tank.)

II. Start with low hydraulic flow (approximately 25% of max flow or 10 gpm.)(\*flow will be increased later.)

## HOSE HOOK-UP



### BOOM RETURN LINE

**A**

### BOOM PRESSURE LINE

Turn tractor oil flow down prior to engaging tractor hydraulic lever

If sprayer is equipped with a 90' boom your tractor must have a closed center hydraulic system

**B**

### PUMP RETURN LINE

For increased HYD motor seal life, couple hose to low pressure return port. Most tractors can have this added if tractor is not equipped with one.

**C**

### PUMP PRESSURE LINE

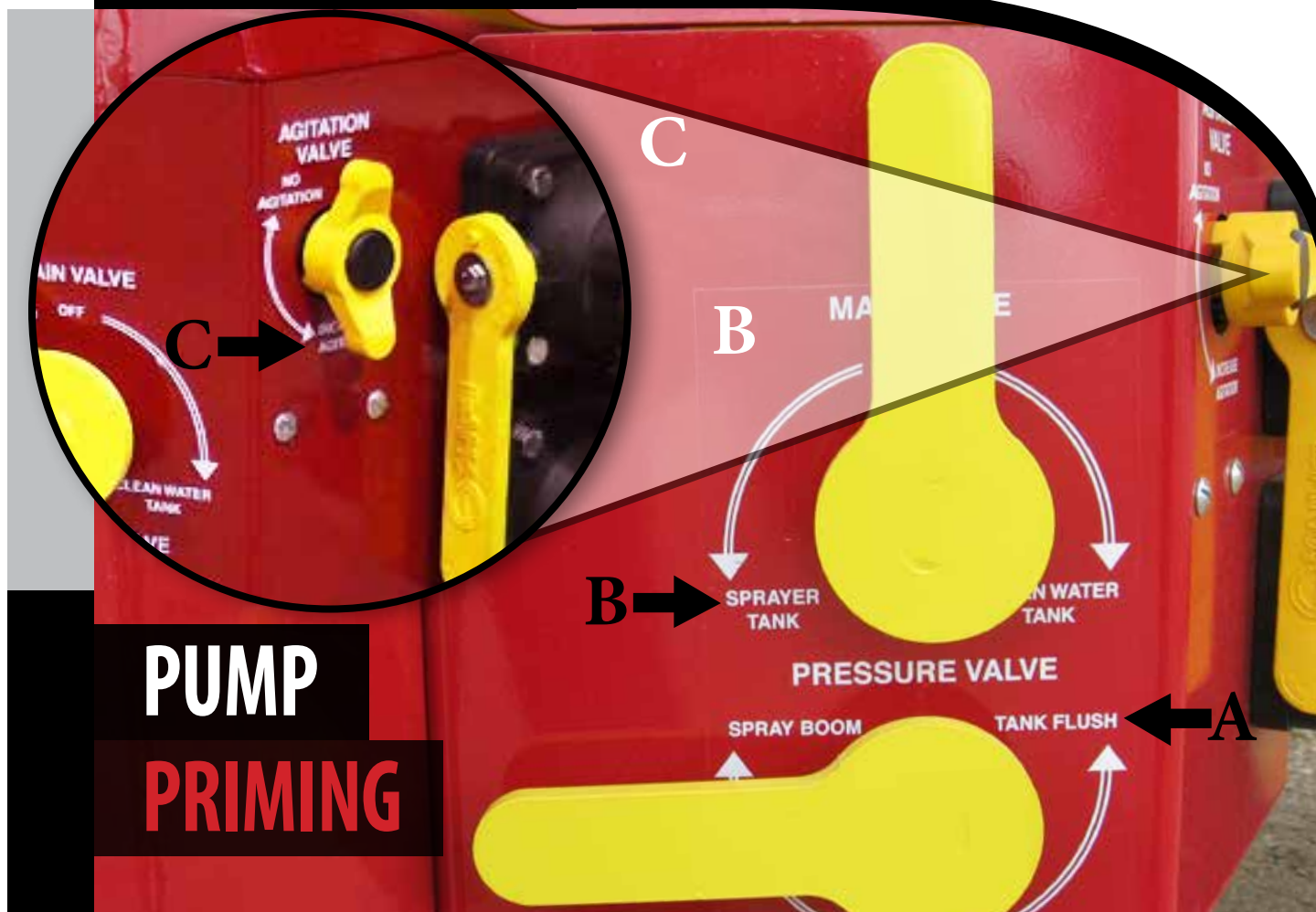
Turn tractor oil flow down prior to engaging tractor HYD lever.

**D**

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Doing Our Best to Provide You the Best



## PUMP PRIMING

5.

For pump priming set pressure valve to:

- A. Tank Flush
- B. Main Valve to Sprayer Tank
- C Agitation Valve to Increase Agitation

Then fill Main Tank with 300 Gallons of fresh water.

For units equipped with Teejet Monitor. Set monitor to manual mode. Hold plus key until regulator valve is in open position. (Approximately 15 sec.)



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## 6. Monitor

Set monitor master switch to off position

## 7. Pressure Valve

Switch pressure valve back to spray boom



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# 8.

Start Pump

A. Confirm pump is primed by checking pressure gauge.

B. If gauge show 0 psi stop pump immediately. Remove cap from bottom of filter bowl until air is purged. Replace cap and restart pump. IF gauge pressure is above 5 psi proceed to step 9.

**C. DO NOT RUN PUMP DRY**



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## 9. Hydraulic Flow

Adjust tractor hydraulic flow to achieve a pressure of 80 psi.

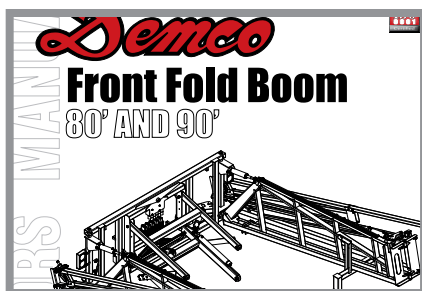
## 10. Set Valves

A) Set Main Valve to sprayer tank. B) Set Agitation Valve for adequate tank mix. C) Set Pressure Valve to spray boom



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11. Unfold Boom (see boom manual)



12. Now ready to test, run sprayer.



13. If desired spraying pressure is not reached slowly turn up tractor hydraulic flow.

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